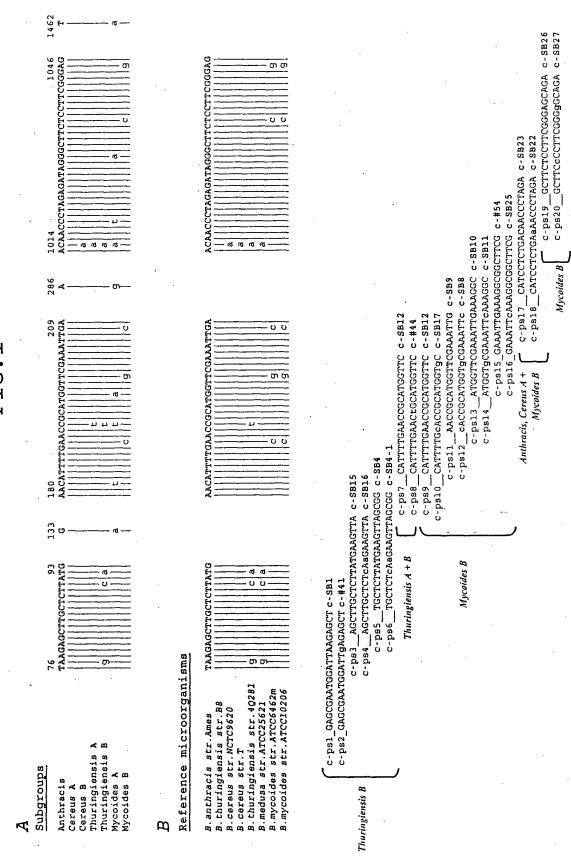
## し、じーほ



	<b>\</b>	-	1	~	-	m,	<b>†</b>	4	2	٥	~ <b>†</b>	<b>∞</b>	+	6	
	132	157	174	265	346	358	364	375	481	594	672	921	1020	1037	
B.anthracis str. Ames ANR B.anthracis str. DeltaAmes-1 B.anthracis str. Sterne	-8 <u>==</u>	TATC	TAAG	AACAT	GCGAC	GGTCC	TCGTA	AACAA	crcc	AAYGG	- CCC	TGGA	CAAAA	AGACC	
B.thuringiensis str. B8 B.cereus str. NCTC11143 B.cereus str. WSBC10030 B.cereus str. HER1414	=== :	=== :	=== :						=== :		== : :	== : :			
B.cereus str. NCTC9620 B.cereus str. T B.cereus str.DSM31 B.thuringiensis str.WS2617 B.thuringiensis str.WS2614	=====										===::				
B.thuringiensis str. 40281 B.medusa str. ATCC25621 B.thuringiensis str. DSM2046	<u> </u>	<u> </u>	<u> </u>						===	 	===	<u> </u>	<u> </u>	<u> </u>	
B.mycoides str. DSM2048T B.mycoides str. MWS5303-1-4 B.cereus str. WSBC10206	<u> </u>	<u> </u>	<u> </u>	TC     TC       TC			AC	### ###	===	·				· · · · · · · · · · · · · · · · · · ·	
B.mycoides str. ATCC6462m B.mycoides str. ATCC10206	三三	<u> </u>	薑	TC    TC    10	AG	<u> </u>	AC     AC     11			==	13 11	<u> </u>	5 5		
		σ,	1218			1268 128		59 1816		9 2153	215	<b>ο</b>			
B.anthracis str. Ames ANR B.anthracis str. DeltaAmes-1 B.anthracis str. Sterne		GCGGA	ACC-AA	AAGGAC	7C CGGA	A AGTGC	c cgrch 2	A AGCT	O	GCCTTT	AAAC		Ħ	g. 2	
B.thuringiensis str. B8 B.cereus str. NCTC11143 B.cereus str. WSBC10030 B.cereus str. HER1414			5 5 5 5 5 7 8		==::			==::	== : :		==::				
B.cereus str. NCTC9620 B.cereus str. T B.cereus str.DSM31 B.thuringiensis str.WS2617 B.thuringiensis str.WS2614							z —			444					
B.thuringiensis str. 40281 B.medusa str. ATCC25621 B.thuringiensis str. DSM2046		444								# # # ====					
B.mycoides str. DSM2048T B.mycoides str. MWS5303-1-4 B.cereus str. WSBC10206															
B.mycoides str. ATCC6462m B.mycoides str. ATCC10206		<u> </u>	T	<u>0</u> 0				10 10 11			<u> </u>				
Cereus A	c-ps23_c-ps24_	1 1	racc-aa taccgaa	TGATACC-AATGGTATCAGTG c-B11 TGATACCGAATGGTATCAGTG c-B12 c-ps21	CAGTG c		TTATCGTGAAGGCTGAGCTG c-C11	AAGGCTG	AGCTG (	s-C11 s-C12		٠	•		

Thuringlensis B

Anthracis

Cereus A

Cereus B

Mycoides B

Anthracis

Cereus A

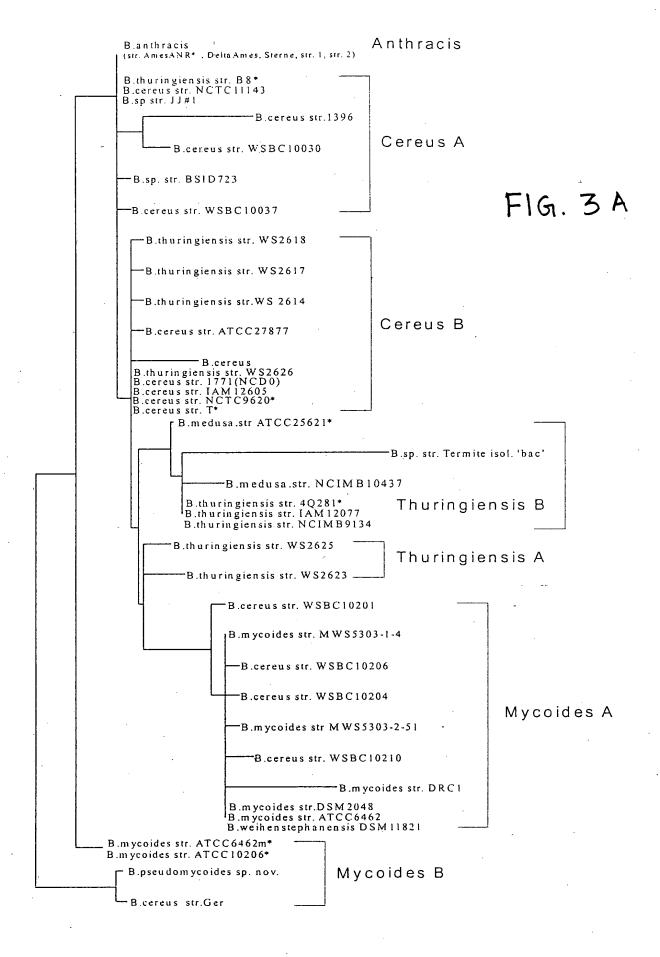
Cereus B

Mycoides A

Thuringiensis B

Mycoides A

Mycoides B



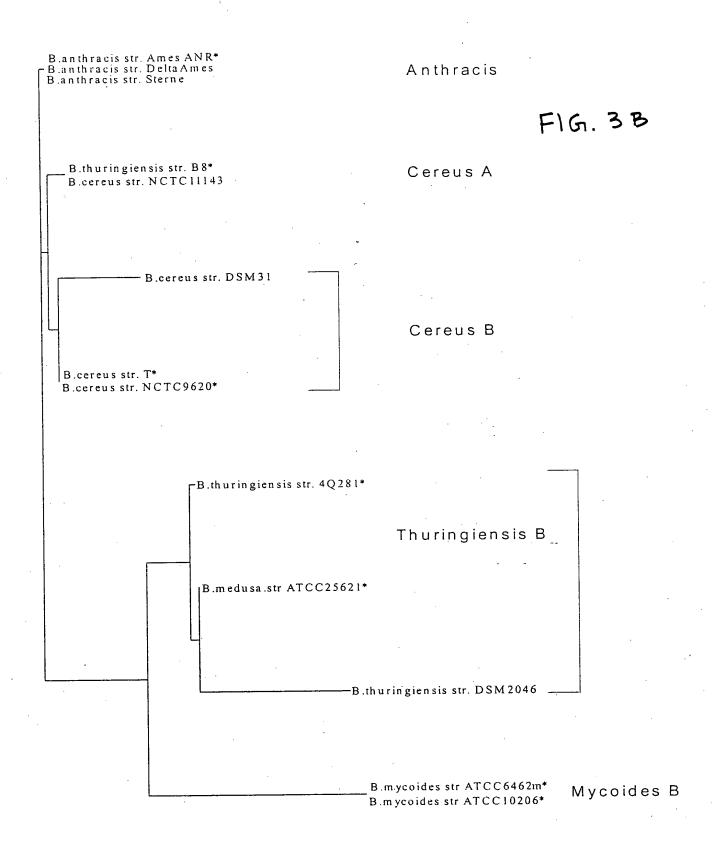


FIG. 4

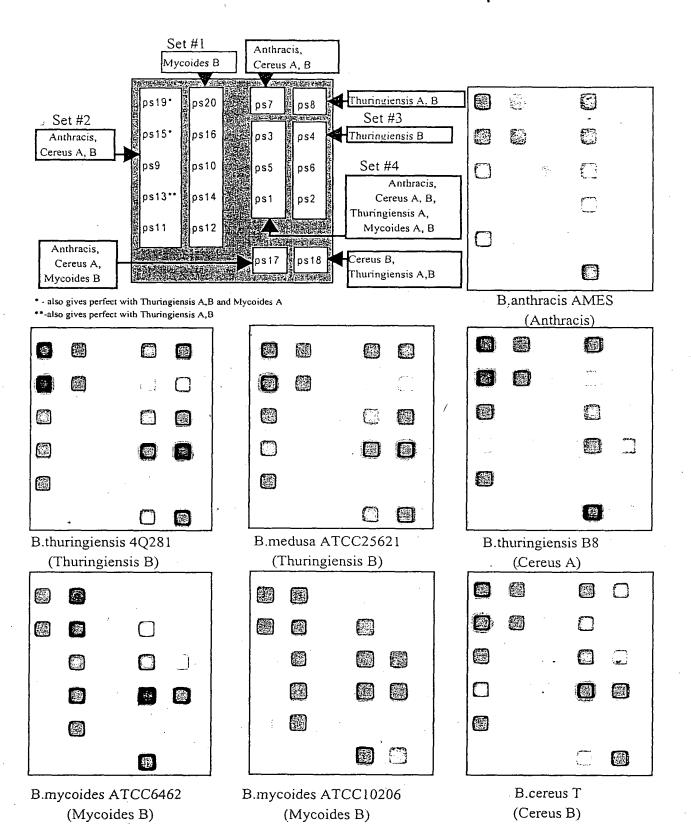


FIG. 5A

	ps21/ps22	ps21/ps22 signal ratio	site 1559 in 23S rRNA	G/A ratio in site 1559
B. anthracis Ames (Anthracis)		1.80	G	<del>-</del>
B. mycoides ATCC10206 (Mycoides B)		1.50	G	-
B. cereus T (Cereus B)		1.00	R	1.5
B. thuringiensis 4Q281 (Thuringiensis B)		0.72	R	1
B. cereus NCTC9620 (Cereus B)	8 8	0.64	R	0.3
B. thuringiensis B8 (Cereu A)		0.45	Α	-

FIG. 5B

Subgroup		ps21/ps22	ps21/ps22 signal ratio		ps23/ps24 signal ratio	ps18/ps17	ps18/ps17 signal ratio
Cereus A	B. cereus HER 1414		0,7	周節	0,7		0,2
	B. thuringiensis B8		0,4		0,4		0,2
Anthracis	B. anthracis Sterne		2,2		1,7	8 0	0,2

			s B8 mic )	9sd	8 s d	ps 18	}
s AMES	<b>←</b>	ps18	B.thuringiensis B8 (B.anthracis mimic)	2			
B.anthracis AMES	and the second	ps17	B.(	gsd .	7sq	ps17	
3) AMES			( 10 : 1 ) B.thuringiensis B8				
(2:3) B.anthracis AMES	e e	٠	( 10 thuring:	9sd	ps8	ps18	
•	2	ps18	· &	2	3	2	,
fixture &			Mixtur 31			2	
Bacterial RNA Mixture eus NCTC9620 &		ps17	Bacterial RNA Mixture	ps5		ps17	
Bacterial RNA B.cereus NCTC9620			Bacterial RNA N B.thuringiensis 4Q281				,
	3	ps18	. 81	psg	8sd	ps18	
B.cereus NCTC9620		ps17	B.thuringiensis 4Q281	ري م	4	4	
ereus h		<u>α</u>	ırıngier	~		0 -	
B.c		•	B.th	ps5	7sd	ps17	
	`		$\mathbf{\Omega}$			•	

FIG.7

Microorganism	Cereus group	Subtilis group	Signal ratio
B.anthracis AMES		- growent	9.5
B.cereus T			8.3
B.mycoides ATCC6462m			7.8
B.thuringiensis 4Q281			8.1
B.subtilis B-459			0.4

ps 25

ps 26

FIG. 8

not Mys	23F2 Myc.A. B	2. 11	SBZS MYC BE	B1 Antri Ger A B	FZ Thure: Myse	SB22 not Antr, Cer A, Myc	SB23 Antr. Cer A. Myc B	A1 not Thur B Myc A
AIE 2000 23F5 not Myc A	23F6 Myc A	SB10 not Myc B	SELLE MVG B	B7 Antr Cer	B8	Briti Antr	B12 Ger A	AZ FruifB, y Myc A Be
23F7 not Myc A	100		E7. Hybrid Marker	A CHARLES		C9 Antr	C10 CerA	A5 not Thur B Myc A
16A1 not Myc A	<b>计数据数据数据数据数据</b>	1751-201-1-1751-1-1	NYGE	Antr Cer	C8 Thur B Myc B		· 1000年至月2月2日本大学工作	Ai Milite Myea
16A3 not Myc A	Line straintly was	The second second	ZOPA MVC B			Crissing Antrasa	G12 GerA	A9 not Thur B Myc B
16A5 not Myc A	532 1710 177	E7. Hybrid: Marker.				SB12 B.med - not linur A. I B	#44 Thur A. B	ANO Torcis Mycis
16A7 not Myc A	22000	SB23 Anti: Cer A, Myc B	not Antr,	23F13 Antr	23F14 Cer A : : : : : : : : : : : : : : : : : : :	SB15 not Thur B	SB16 Thur B	A11 not Thur B. Myc B.
16A9 not Myc A	16A10 Myc A	D1 Antr. Cer A. Myc B	D2A not Antr, Cer A, Myc B	23F15 Antr	23F16 Cer A - 1 F6 - 1	SB4 not Thur:B	SB4-1 Thur B	<b>新发生的一种主义的主义</b>